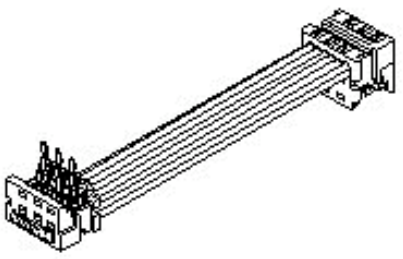
This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0923181612
Status: Active
Overview: picoflex
Description: Picoflex® PF-50 IDT-Board In Z-Style, 16 Circuits, 0.12m (4.72") Length



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-99020-0011 (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	Cable Assemblies
Series	92318
Connector to Connector	Picoflex® PCB-to-IDT
Overview	picoflex
Product Name	Picoflex®

Physical

Cable Length	0.12m (4.72")
Circuits (Loaded)	16
Color - Resin	Natural
Gender	Female-Female
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Packaging Type	Bag
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Plating min: Mating (µin)	80.00
Plating min: Mating (µm)	2.000
Plating min: Termination (µin)	80.00
Plating min: Termination (µm)	2.00
Single Ended	No
Termination Interface: Style	IDT or Pierce, Through Hole - Kinked Pin
Waterproof / Dustproof	No
Wire Insulation Diameter	N/A
Wire Size AWG	28
Wire/Cable Type	PVC, Ribbon Cable

Electrical

Current - Maximum per Contact	1.2A
Shielded	No
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Product Specification	PS-99020-0011
Sales Drawing	SD-92318-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

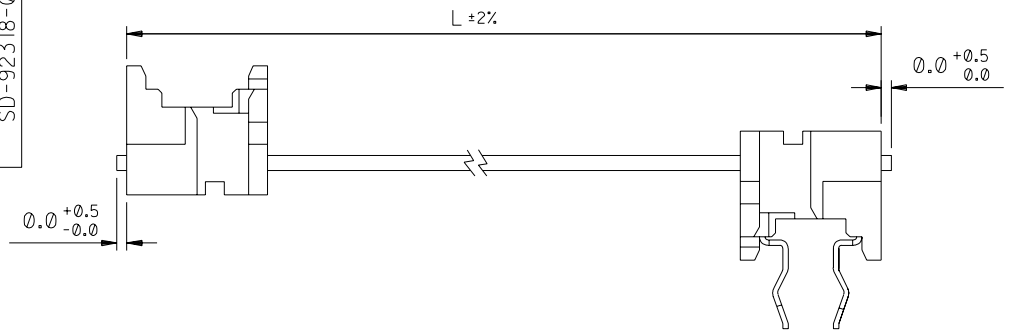
Search Parts in this Series
92318Series

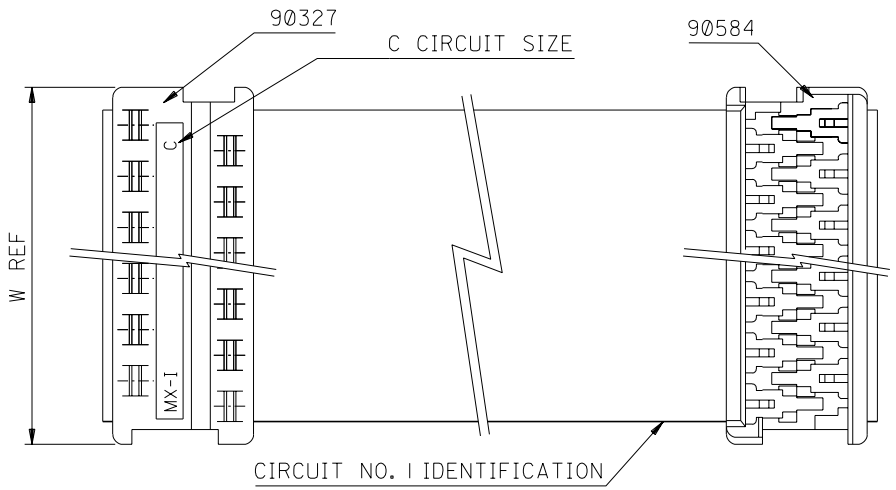
Mates With
Picoflex® PF-50 Header 90325 , 90800 , 90779 , 90715 , 90814

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PART NO. SEE CHART
DWG. NO. SD-92318-001





90327 CONNECTOR	
CIRCUIT SIZE	DIMENSION W
4	7.59
6	10.13
8	12.67
10	15.21
12	17.75
14	20.29
16	22.83
18	25.37
20	27.91
22	30.45
24	32.99
26	35.53

90584 CONNECTOR	
CIRCUIT SIZE	DIMENSION W
4	7.59
6	10.13
8	12.67
10	15.21
12	17.75
14	20.29
16	22.83
18	25.37
20	27.91
22	30.45
24	32.99
26	35.53

CABLE DETAILS:
28 AWG , 1.27 MM PITCH , 7 STRANDS WITH TINNED COPPER , GREY PVC INSULATION WITH A COLOURED POLARITY STRIPE INDICATING CIRCUIT NO. 1 , UL 2651.

NOTES:
1. SEE PRODUCT SPECIFICATIONS PS-99020-0011.
2. SEE TERMINATION SPECIFICATION ES-99033-0001.
3. SEE TERMINATION SPECIFICATION ES-99033-0002.
4. SEE CABLE SPECIFICATION ES-99027-0006.
5. HARNESSES WILL BE 100% ELECTRICALLY TESTED FOR SHORTS AND DISCONTINUITIES.

ORDERING INFORMATION

92318-****

CIRCUIT SIZE
LENGTH L IN CENTIMETRES

LENGTHS AVAILABLE FROM 6 CM TO 120 CM
e.g. 92318-1208 = 12 CIRCUIT WITH LENGTH L OF 8 CM.

NOTE : FOR LENGTHS OF
100 CM , THE PART NO. IS 92318-**01
105 CM , THE PART NO. IS 92318-**02
110 CM , THE PART NO. IS 92318-**03
115 CM , THE PART NO. IS 92318-**04
120 CM , THE PART NO. IS 92318-**05

REF DIM ADDED
EC NO. 2003-0499 02/11/13
DRWN: P.FINN / /
CH'K: / /
APPR: / /
DESCRIPTION
C
REV

QUALITY SYMBOLS
MAJOR =
CRITICAL (C) =

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.	±.
1 PLACE	±0.	±.

ANGULAR: ± 1/2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 4 : 1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE MCURRAN 98/06/24
CHECKED BY & DATE AMcCANN 98/06/24
APPROVED BY & DATE MWILHITE 98/06/24
CAD FILENAME .

TITLE: PICOFLEX IDT TO BOARD-IN STANDARD ASSEMBLIES (Z-STYLE)

MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DRAWING NO. SD-92318-001
SHEET NO. 1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SIZE B

7132-1283